

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Applicant: Thomas Wolff

Serial No.: 10/771,712  
Filed: February 4, 2004

Confirmation No.: 4129

Patent No.: 7,186,291  
Issued: March 6, 2007

Art Unit: 1724

Examiner: F.M. Lawrence

Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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**REQUEST FOR CERTIFICATE OF CORRECTION PURSUANT TO**  
**37 C.F.R. § 1.323**

Dear Sir or Madam:

Upon reviewing the above-identified patent, Patentee noted errors which should be corrected.

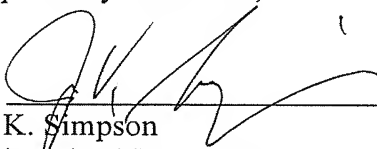
--Under "Assignee", please delete "Helsa-Automotive GmbH & Co." and insert "Helsa-Automotive GmbH & Co. KG".--

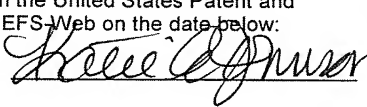
This error is either of clerical or typographical nature or a mistake of minor character. It is submitted that this error involves changes which would not constitute new matter or require reexamination.

Patentee respectfully solicits the granting of the requested Certificate of Correction. Enclosed please find a check in the amount of \$100.00 as the fee under 37 CFR §1.20(a) for the Certificate of Correction. Any additional fees may be charged to the deposit account of the undersigned firm of attorneys, Deposit Account No. 06-2375.

Respectfully submitted,

Dated: March 26, 2007

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CERTIFICATE OF ELECTRONIC TRANSMISSION 37 C.F.R. § 1.8	
I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office via EFS-Web on the date below:	
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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,186,291  
APPLICATION NO. : 10/771,712  
ISSUE DATE : March 6, 2007  
INVENTOR(S) : Thomas Wolff

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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US007186291B2

(12) **United States Patent**  
**Wolff**

(10) **Patent No.:** **US 7,186,291 B2**  
(45) **Date of Patent:** **Mar. 6, 2007**

(54) **FUEL TANK VENTING SYSTEM AND AN  
ADDITIONAL FILTER ELEMENT  
THEREFOR**

(75) **Inventor:** **Thomas Wolff, Munchberg (DE)**

(73) **Assignee:** **Helsa-Automotive GmbH & Co.,  
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(\*) **Notice:** Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 200 days.

(21) **Appl. No.:** **10/771,712**

(22) **Filed:** **Feb. 4, 2004**

(65) **Prior Publication Data**  
US 2005/0132888 A1 Jun. 23, 2005

(30) **Foreign Application Priority Data**  
Dec. 22, 2003 (DE) ..... 103 61 090

(51) **Int. Cl.**  
**B01D 53/02** (2006.01)

(52) **U.S. Cl.** ..... **96/132; 96/134; 96/153;**  
502/416

(58) **Field of Classification Search** ..... 96/108,  
96/132, 134, 135, 147, 153; 95/901; 123/518-521;  
502/416

See application file for complete search history.

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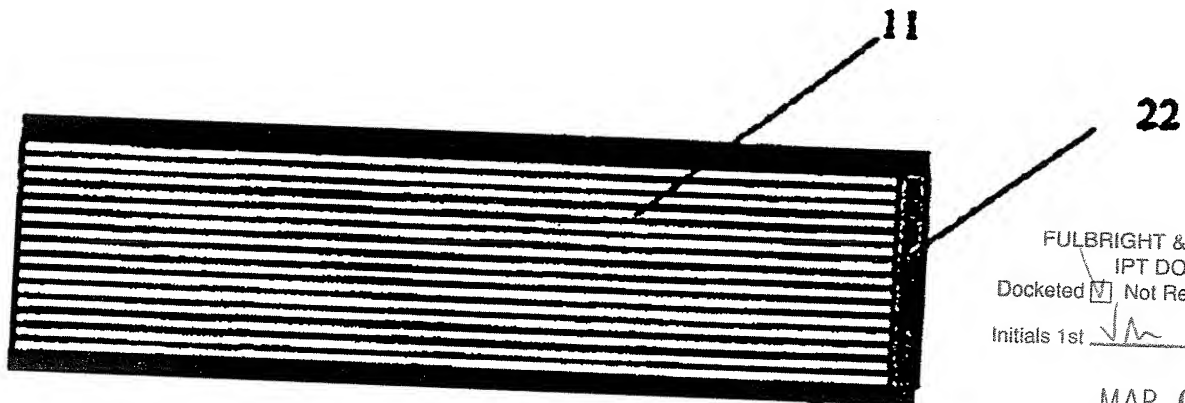
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(57) **ABSTRACT**

Described is an additional filter element for a filter apparatus  
for reducing emissions from a motor vehicle tank venting  
system. The additional filter element is connected to a main  
activated carbon filter and has adsorbents which, to achieve  
a high working capacity, in particular at 42° C., has a high  
micropore volume. To retain a residual loading possibly  
present in the micropores the adsorbents further have a  
mesopore volume. The micropore volume is at least 0.4  
cm<sup>3</sup>/g and the mesopore volume is at a maximum 0.95  
cm<sup>3</sup>/g.

**19 Claims, 6 Drawing Sheets**



FULBRIGHT & JAWORSKI, LLP  
IPT DOCKETING

Docketed ☒ Not Req'd ☐ Confirmation  
Initials 1st JKS Initials 2nd LS

MAR 09 2007

Attorney JKS - Lovis

33 Docket No. P0293205  
Action Req'd Date Due

Receipt of Letters P